



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,730	09/23/2003	Ronald S. Cok	86627RRS	2464

7590 12/20/2006  
Milton S. Sales  
Patent Legal Staff  
Eastman Kodak Company  
343 State Street  
Rochester, NY 14650-2201

EXAMINER
----------

DHARIA, PRABODH M

ART UNIT	PAPER NUMBER
----------	--------------

2629

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/20/2006	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/668,730	COK, RONALD S.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Prabodh M. Dharia	2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 20 November 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 November 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

Art Unit: 2629

1. **Status:** Receipt is acknowledged of papers submitted on 11-20-2006 under amendments, which have been placed of record in the file. Claims 1-17 are pending in this action. Claims 18-64 are withdrawn from consideration.

***Response to Amendment***

The amendment filed 11-20-2006 does not introduces new matter into the disclosure. The added material is supported by the original disclosure.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parulski et al. (6,930,718 B2) as applied to claims 1,2,5,6,15,16, and further in view of Yap et al. (US 2002/0092021 A1) and Kaplan et al. (US 2002/0180803).

Regarding Claims 1, 3, 4, 7-14, and 17, Parulski et al. teaches a digital display device (figure #4, item # 26, see figures 4,50,51,item #10, 80,88, see figure 50, item # 54b, 54d, 54a, Col. 1, Lines 42-44, Col. 43, Lines 28-58, Col. 9, Lines 19-23) comprising: a communication interface adapted to communicate with an archival storage device (Col. 43, Lines 25-28), a content source adapted to acquire content in an acquisition form (Col. 43, Lines 28-31); a

Art Unit: 2629

presentation system for presenting content in a form that is different from the acquisition form (Col. 43, Lines 34-41); a memory for storing content (figure 50, item # 54b, 54d, 54a, Col. 9, lines 19-23, Col. 43, Lines 56-58); a controller adapted to receive acquired content from the content source (see figures 4,50,51,item #10, 80,88, Col. 43, Lines 28-31) to form presentation (display capture image (or present captured image) for verification on digital display item # 26, Col. 43, Lines 34-41) content that corresponds to the acquired content said presentation content adapted for presentation using the presentation system (see figures 4,50,51,item #10, 80,88, Col. 43, Lines 28-41) and to cause the acquired content and the corresponding presentation content to be stored in the memory ( see figure 50, item # 54b, 54d, 54a, Col. 43, Lines 28-41, Col. 9, Lines 19-23, controller does store captured image displayed on digital display for editorial purposes); and wherein the controller is further adapted to cause the communication interface to transfer acquired content to the archival storage device (Col. 43, lines 37-41) and to delete the transferred acquired content from the memory (Col. 43, Lines 41,42).

However, Parulaski fails to recite or disclose specifically communication interface system; the archival storage device is a home computer; the archival storage device is an internet-accessible on-line storage system; the communication interface uses a memory storage device; the communication interface uses a wireless connection; the communication interface uses a wired connection; the archival storage device has a communication system to acquire content from sources different from the digital display device; the archival storage device has a processor adapted to perform at least one of the functions of editing, deleting, and organizing content and a memory to store content; the display device displays the content using an organization structure provided by the archival storage device; the total storage available in the

Art Unit: 2629

display device is dynamically divided between the acquisition content and presentation content images depending on the use of the display device; an audio system for acquiring content containing audio information and for presenting audible signals representing audio information contained in acquired content and comprising an audio system adapted to generate audio content associated with or incorporated within the image content.

However, Yap et al. teaches communication interface system (page 1, paragraph 3); the archival storage device (HDD recording and archiving storage (page 2, paragraph 12 and 13, page 11, paragraph 150) item # 320 figure 6, of STB (set top box with digital video recorder in a communication system (page 1, paragraph 30) item # 300 for a home television with host computer item # 310) is a home computer (figure 6, of STB (set top box with digital video recorder in a communication system (page 1, paragraph 30) item # 300 for a home television with host computer item # 310); the archival storage device is an Internet-accessible on-line storage system (page 3, paragraphs 40,39, paragraph 42, Lines 1-3, paragraph 49, Lines 5,6, (HDD recording and archiving storage (page 2, paragraphs 12 and 13, page 11, paragraph 150)); the communication interface uses a memory storage device (page 1, paragraph 3, page 3, paragraphs 39-41, paragraph 42, Lines 1-3, paragraph 49, Lines 5,6); the communication interface uses a wireless connection (page 1, paragraph 3, page 3, paragraphs 39-41); the communication interface uses a wired connection (page 1, paragraph 3, page 3, paragraphs 39-41); the archival storage device has a communication system to acquire content from sources different from the digital display device (page 1, paragraph 3, page 3, paragraphs 39-41, paragraph 42, Lines 1-3, paragraph 49, Lines 5,6, HDD recording and archiving storage (page 2, paragraph 12 and 13, page 11, paragraph 150); the archival storage device has a processor

Art Unit: 2629

adapted to perform at least one of the functions of editing, deleting, and organizing content and a memory to store content (pages 1,2, paragraphs 11,12, pages 11,12, paragraphs 150-156); the display device displays the content using an organization structure provided by the archival storage device (page 1, paragraphs 150); the total storage available in the display device is dynamically divided between the acquisition content and presentation content images depending on the use of the display device (pages 11, paragraphs 149, Lines 1-8, page 7, paragraph 105, Lines 6-11, page 12, paragraph 152); an audio system for acquiring content containing audio information and for presenting audible signals representing audio information contained in acquired content (page 10, paragraphs 131,132); an audio system adapted to generate audio content associated with or incorporated within the image content (page 10, paragraphs 131-133).

Thus one ordinary skill in the art would be motivated to combine Yap et al. teaching with Parulski et al. as Yap et al offers a communication interface communicating to a digital video recorder with A/V (audio/video) capabilities in a set top box of a home television. Set top box is not only equipped with a digital video recorder but also has very sophisticated computer system (could be used as a home computer since it has all the peripheral devices required to operate computer with and a digital display see figure 12(a) page 13, paragraph 173,174) with extensive storage devices to archive captured images of Parulski et al. as well as wired and wireless communication interfaces; also communicates to internet browser. The archived images of the Parulski et al. could be accessed via internet browser for editing, by a remotely located user and archive in remotely located storage. Yap et al. set top box has capabilities to edit, delete, purge files and arrange archive storage files.

Thus it would have been obvious to one in the ordinary skill in the art at the time of invention was made to incorporate the teaching of Yap et al. in the teaching of Parulski et al. to be able to have a digital display device with communication interface wired and wireless to internet and be able to archive captured images in storage devices located locally or in remote locations.

Parulski et al. fails to recite or disclose retaining the presentation content in the memory for later presentation.

However, Kaplan et al. recites discloses a controller adapted to receive acquired content from the content source (page 4, paragraph 34, Lines 3-10, page 10, paragraph 61, Line 67, page 11, paragraph 61, Lines 1,2), to form presentation content that corresponds to the acquired content (page 11, paragraph 61, page 10, paragraph 57, Lines 1-3) said presentation content adapted for presentation using the presentation system (page 11, paragraph 61, page 10, paragraph 57, Lines 1-3) and to cause the acquired content and the corresponding presentation content to be stored in the memory (page 11, paragraph 61); and wherein the controller is further adapted to cause the communication interface to transfer acquired content to the external archival storage device (page 11, paragraph 61); and to delete the transferred acquired content from the memory (page 11, paragraph 61, right side column, Lines 19-28) while retaining the presentation content in the memory for later presentation (page 11, paragraph 61, right side column Lines 29-52, page 14, paragraph 34) and the display device displays the presentation content using an organization structure provided by the archival storage device, so that the digital display device organizes presentation content in a way that reflects the organization of acquired content to the

Art Unit: 2629

transferred archival storage device (pages 10, 11, paragraph 61, page 10, paragraph 57, Lines 1-3, page 4, paragraph 34, Lines 3-10).

Thus one ordinary skill in the art would be motivated to combine Kaplan et al. teaching with Parulski et al. as Kaplan et al. offers a multi-media management system for storing, manipulating and displaying or presentation multimedia with user interface, multimedia acquisition interface and system controller. The acquisition content is further processed to define a presentation.

Thus it would have been obvious to one in the ordinary skill in the art at the time of invention was made to incorporate the teaching of Kaplan et al. in the teaching of Parulski et al. to be able to have a multimedia with user interface, multimedia acquisition interface and system controller to do multi-media presentation, to be able to manage computer products for multimedia contents and systems and methods for creating, organizing, distributing, and packaging digital content in a convenient manner (abstract and page 1, paragraph 1).

Regarding Claim 2, Parulski et al. teaches the content source is an image capture system (figure #4 itme # 10, Col. 47, Lines 18-20, Col. 48, Lines 8-11, Col. 43, Lines 23-25).

Regarding Claim 5, Parulski et al. teaches the acquired content comprises at least one still image (Col. 12, Lines 55-57, photographer taking a picture, Col. 9, Lines 53,54).

Regarding Claim 6, Parulski et al. teaches the acquired content comprises at least one of a digital still image (Col. 12, Lines 55-57, photographer taking a picture, Col. 9, Lines 53,54), an



Art Unit: 2629

image sequence (Col. 16, line4s 47-51), graphics, text, audio content and a stream of image information (Col. 18, Line 58 to Col. 19, Line 9, Col. 40, Lines 7-13).

Regarding Claim 15, Parulski et al. teaches the display comprises an OLED display (Col. 12, Lines 50-54).

Regarding Claim 16, Parulski et al. teaches the controller is adapted to prevent the storage of more than one copy of the same content (Col. 43, Lines 35-42 edited updated file is saved and original obsolete file is deleted).

#### ***Response to Arguments***

4. Applicant's arguments, see remark, filed 11-20-2006, with respect to the rejection(s) of claim(s) 1 and 12 per amendments to Claims 1 and 12 have been fully considered and are persuasive. However, upon further consideration and search a new ground(s) of rejection is made in view of Kaplan et al. (US 2002/0180803 A1).

Applicant argues Parulski does not disclose any step of storing the verification image after presentation of the same.

Examiner disagrees as Parulski does disclose any step of storing the verification image after presentation of the same (Col. 43, Lines 18-22 teaches only the unchosen editorial deleted per user's choice, Lines 35-41 teaches storing of the presentation content, also verified image is stored unless it was further edited for presentation purposes then newly verified content for

Art Unit: 2629

presentation is stored). Kaplan et al. also teaches step of storing the verification image after presentation of the same (page 11, paragraph 61, right side column, Lines 19-52).

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M. Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.

7. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2629

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Any response to this action should be mailed to:


Commissioner of Patents and Trademarks

Washington, D.C. 20231

Prabodh Dharia

AU 2629

December 16, 2006



BIPIN SHALWALA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600